Use Attainability Analysis

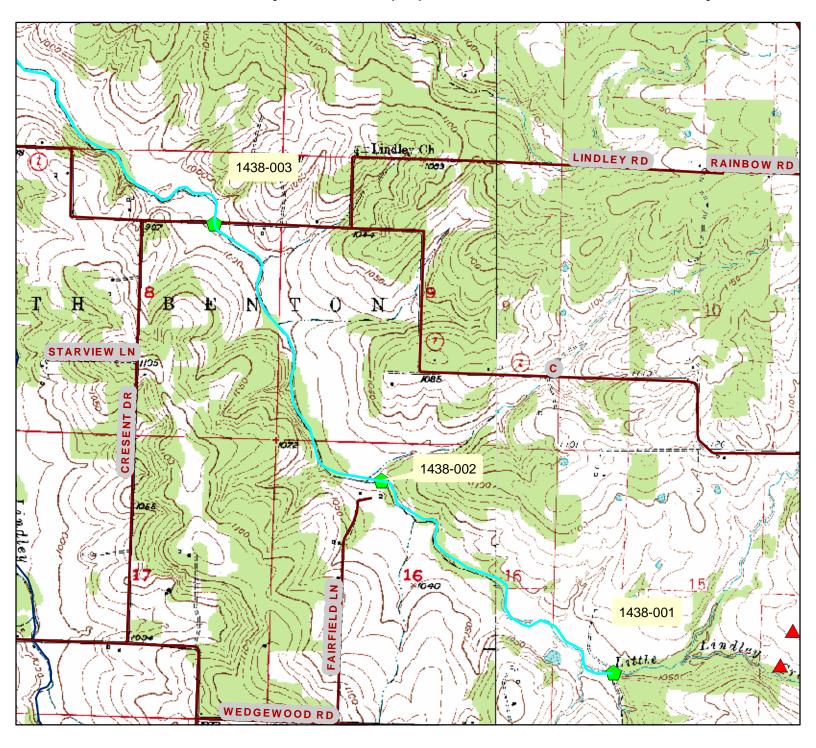
for

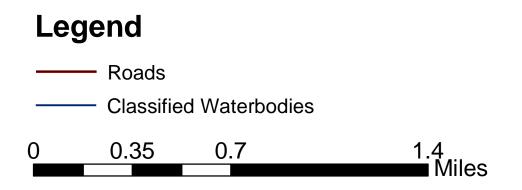
WBID 1438 Little Lindley Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Little Lindley Creek (C) #1438 Dallas County







Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

(from USGS 7.5' quad) Little Lindley Creek
8-digit HUC: 10-290//6
Missouri WBID#: 1438
County: Da //a 5
Upstream Legal Description:
Downstream Legal Description:
Upstream Coordinates:
(UGS 84, ddd.dddd) NO G PS Downstream Coordinates:
(UGS 84, ddd.ddddd) NO GPS Downstream Coordinates: (UGS 84, ddd.ddddd) NO GPS
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Marca Wenk
Organization: MONR
Position: E.S.III-
the understand hereby affirm to the best of a land of the land of
the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA tasheet is true and accurate.

Signed:	May	Clark	Date:
	17		

	rieid Data Si	eets for	Recreational Use	Ottenin Surveys	make .
	(A separate t		- Site Character	ization of for each site) 700 17 = 005	caloge was
Missouri WBID#: /4	138-00		Site Location De	scription	5 2 2 2 2 C
Site GPS Coordinates:	10 6 05	•	T's au	UNITE A Little	Lindley areal
Date & Time: ルーン	-05 3	, 4S	Facility Name:		
Personnel: Mar	4 Clark		Permit Number:		
Current Weather Conditi	ons: Sam	#	Weather Conditi	ons for Past 7 days: 10 /	Lain
Photo Ids: Upstream:	23 Dov	vnstream:	ചൂച Other	C	
- Observadts				······································	_
s Observed*:	☐ Skin diving	Ta	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		<u> </u>	T	† ·
☐ Hunting	☐ Trapping		Boating	Wading None of the above	☐ Rafting ☐ Other:
			Fishing equency of use, photo-	documentation of evidence	
				documentation of evidence	
Describe: (include numb	er of individuals rec	reating, fre	quency of use, photo-	documentation of evidence	of recreational uses, etc.)
Tounding Conditions of interest.)	er of individuals recursive recursiv	promote or	impede recreational u	documentation of evidence	of recreational uses, etc.) nce or unusual Campgrounds
Describe: (include numb	er of individuals rec	promote or	impede recreational u conservation lands	documentation of evidence	of recreational uses, etc.)
Tounding Conditions of interest.) ☐ City/county parks ☐ Boating accesses	er of individuals rec 15*: (Mark all that p 1 Playgrounds 1 State parks 1 Fence	promote or MDC	impede recreational u conservation lands	ses, Attach photos of evidence Urban areas Nature mails	of recreational uses, etc.) nce or unusual Campgrounds
Tounding Conditions of interest.) City/county parks Boating accesses No trespass sign	er of individuals rec 15*: (Mark all that p 1 Playgrounds 1 State parks 1 Fence	promote or MDC Nation	impede recreational u conservation lands	ses, Attach photos of evidence Urban areas Nature mails	of recreational uses, etc.) nce or unusual Campgrounds
Tounding Conditions of interest.) City/county parks Boating accesses No trespass sign	er of individuals rec 15*: (Mark all that p Playgrounds State parks Fence	oromote or MDC Nation Steep	impede recreational u conservation lands nal forests	ses. Attach photos of evidence Urban areas Nature trails	nce or unusual Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

September 29, 2004

Page Iwo - Da	ata.Sheet B for V	VBID # <u>143</u>	g -001			- darely
Stream Morph		(23))		105 2 KZ-	boss
☐ Riffle V	Vidth (ft):	Length (ft):	Avg. Depth	F.:	Max, Depth (ft):	
SX/Rum ^V	Vidth (ft):	Length (ft):	75 Avg. Depth	(ft): ひ ,	5 Max. Depth (ft):	1,2
"O Pool V	Vidth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☐ Flow P	resent? 🗖 Yes	□ No	Estimated (f	l'esc):	5/an mel	
Downstream	n View Physical	Dimensions:	<u> </u>			<u></u>
	Vidth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Run V	Vidth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	·
□ X Pool V	Vidth (ft):) 2	Length (ft):	15 Avg. Depth	(ft): 3	Max. Depth (ft)	24
☐ Flow P	resent? XYes	□ No	Estimated (f	\³/see) i	relocite	slaw
£).		Closes	or algal growth at the asse			
Odor:	☐ Sewage	☐ Musky	☐ Chemical	□ None	Other:	
Color:	Ø Clear	□ Green	□ Gray	☐ Milky	☐ Other:	
Bottom Depo	sit: Sludge	☐ Solids	☐ Fine sediments	☐ None	Of Other: Red	2nt
Surface Depo	osit: □ Oil	☐ Scum	□ Foam	None	☐ Other:	
*This information comprehensive un decision on the re- I, the undersig datasheet is tr	is not to be used soli derstanding of water creation use analysis	ely for removal o conditions. Con but may point to rm to the best	f a recrentional use design sequently, this information conditions that need furth t of my knowledge, the	nation but ration is not inten ner analysis o	ded to directly influence a rethat effect another use. Ormation reported on	
	MONR					
Organization:_	MONK		Positio	n: <u>チ</u> る』 <u>/</u>	<u></u>	

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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Site GPS Coordinates:/	138 Which	ceopora	Site Location D	escription: at X m	~ <i>11-2-y</i> =
Site GF3 Cooldanates	O 6 persele	€0	oni &	pelaniase a	INTP de cha
Date & Time: 6-2/	-65 a2.	130	Facility Name:	Puffolo wUNTP	meets dittel
Personnel: Maren	Clark	•	Permit Number:	. — — — — — — — — — — — — — — — — — — —	
Current Weather Conditi	ions: Sunny		Weather Condit	ions for Past 7 days: 70	THE
		vnstream:	Othe		
		. F	<u> </u>		
es Observed*:	-	1			
☐ Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Bo	ating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fisi	hing	None of the above	Other:
rrounding Condition	us*: (Mark all that p	promote or im	pede recreational v	uses. Attach photos of evide	nce or unusual
rrounding Condition as of interest.) City/county parks	15*: (Mark all that p	· ·	pede recreational v	uses. Attach photos of evide	
ns of interest.)	·1 - ·	· ·	nservation lands	1	nce or unusual Campgrounds Stairs/walkway
City/county parks	☐ Playgrounds	☐ MDC co	nservation lands forests	☐ Urban areas	☐ Campgrounds
City/county parks Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co	nservation lands forests	Urban areas Nature trails	☐ Campgrounds
☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co ☐ National ☐ Steep sio	nservation lands forests	Urban areas Nature trails	☐ Campgrounds
☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	□ MDC co □ National □ Steep sio	nservation lands forests pes	Urban areas Nature trails Other: Annal	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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September 29, 2004

ge Two - Data S ream Morpholog				(2)				
Upstream View ☑ Riffle Width		nensions: Length (ft):	4	Avg. Depth ([ft):	Max. Depth	ر (ft): و	 ~7.5
X Run Width		Length (ft):	7-	Avg. Depth (2 4.3	Max. Depth		1,8
□ Pool Width		Length (ft):		Avg. Depth (Max. Depth	(ft):	
☐ Flow Presen	t? 🕦 Yes	□ No		Estimated (#	₩scc): ✓✓	el 30	1/2	<u></u>
Downstream Vi	aw Dhysiaal	Dimensioner		(20)	· · ·		Γ	44/-
Downstream Vi		Length (ft):		Avg. Depth (Max, Depth	(ft):	·
Run Width		Length (ft):	75	Avg. Depth (Max. Depth		2.6
Pool Width	(ft): 12	Length (ft):	18	Avg. Depth (Max. Depth	(ft):	3,0
☐ Flow Preser	nt? Yes	□ No		Estimated (fi				<u> </u>
					essment site)	reser		`.a.
guatic Vegetatio	lear com	ned 5 100			essment site)	rece		, , , , , , , , , , , , , , , , , , ,
5% d	lear com	ned 5 100	r cl		None	Other:		`.s.
5% L	Gas Care	ail that apply.)	r cl	er Jes	ه مردسه			· s.
5% &	Stics: (Mark:	ail that apply.)	74 (CL) Ch Gr	er Jes	× None	□ Other:		
ater Characteri Odor: Color: Boltom Deposit: Surface Deposit:	stics:: (Mark: Sewage Shudge Oil	ail that apply.) Musky Green Solids Scum	Ch Gr Fir	nemical nay ne sediments	None None None	☐ Other: ☐ Other: ☐ Other: ☐ Other:		
ater Characteri Odor: Color: Boltom Deposit: Surface Deposit: but the omments: Please This information is no emprehensive undersection on the recreate the undersigned atasheet is true;	stics*: (Mark : Sewage S'Clear Sludge Oil Attach adding of to be used solt tanding of water ion use analysis and accurate	ail that apply.) Musky Green Solids Scum onal comment ely for removal of conditions. Corbut may point to	Ch Ch Gr Fin Fo ts (including a recreation assequently, to conditions at of my keep to the conditions at the	ne sediments am ang informat onal use design this informational that need furt	None Milky None None None Interpretation of the interpr	Other: Other: Other: Other: other: rviews) to this r is to provide a med to directly influent to the control of	ore ence a use. red on th	nis UAA
ater Characteri Odor: Color: Boltom Deposit: Surface Deposit: but the omments: Please This information is no emprehensive undersection on the recreate the undersigned	stics*: (Mark : Sewage S'Clear Sludge Oil Attach adding of to be used solt tanding of water ion use analysis and accurate	ail that apply.) Musky Green Solids Scum onal comment ely for removal of conditions. Corbut may point to	Ch Ch Gr Fin Fo ts (including a recreation assequently, to conditions at of my keep to the conditions at the	ne sediments am Ing informational use designitis informational that need furth nowledge, to	None Milky None None None Interpretation of the interpr	Other: Other: Other: Other: Other: ris to provide a med to directly influent effect another mation report	ore ence a use. red on th	nis UAA

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1438_002_DS



Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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... Page Iwo - Data Sheet B for WBID # 1438 - :

Pool Width	n (ft): 20	Length (ft):	Avg. Depth (Max. Depth (ft):	
Pool Width	a (ft):	I ength (ft): //	ماد خاص		May Donth (M): 7	
Flow Preser		Lengua (11). Zo	······································		Max. Depth (ft):	= 5
		Length (ft):	Avg, Depth (·	Max. Depth (ft):	
ownstream V	nt? 😿 Yes	□ No	Estimated (ft	3/sec):		
	iew Physica	Dimensions:				
⊋rRiffle Width	h (ft): 18	Length (ft):	Avg. Depth (ft): 6.15	Max. Depth (ft):	0.)
<u> </u>	h (ft): /2	Length (ft):	28 Avg. Depth ((ft): /	Max. Depth (ft):	1,5
<u> </u>	h (ft): / d	Length (ft):	Avg. Depth ((ft): f 5	Max. Depth (ft):	2.0
Flow Prese	ent? □{/Yes	□ No	Estimated (#	31sea): Wef		
	4-				> TH/5ec	at 10
	<u>e vajues should</u>	add up to 100%.)				% Bedroo
30 % Cobb Latic Vegetation 764 & Cope	on*; (note amo	% Gravel ount of vegetation or	% Sand algal growth at the asse	% Silt	% Mud/Clay	:
atic Vegetation 104 & Lyco	on*: (note amo	ount of vegetation or	algal growth at the asset	essment site)	5°2 filo	:
ter Character	on*: (note amo	eunt of vegetation or 950 k all that apply.) Musky	algal growth at the asse	essment site)	5° & felo	:
natic Vegetation 164 0490 iter Character Odor: Color:	on*: (note amo	ount of vegetation or	algal growth at the asset	Skone Milky	5 % felo	us La
ter Character	on*: (note amo	eunt of vegetation or 950 k all that apply.) Musky	algal growth at the asse	essment site)	5° & felo	:

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